

RSVP Model PD-4 PROGRAM DIRECTOR

Operating Instructions

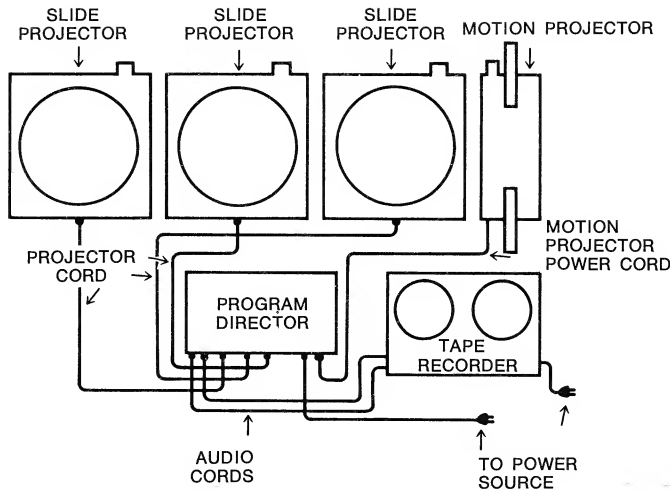


The RSVP Model PD-4 Program Director is intended for use with up to three slide projectors, with or without dissolve controls, and a motion picture projector. It is designed to allow programming in sync with a presentation sound track. The Program Director operates in conjunction with a stereo tape recorder and permits a fully automatic presentation of a program featuring slides, motion pictures and audio.

It operates with either a reel-to-reel or cassette stereo tape recorder. Encoding and decoding is accomplished

by the same solid state circuitry thus eliminating any chance for programmer error or false signals.

While the Program Director can be utilized with any AC operated stereo tape recorder, its production versatility rises in proportion to the quality of the tape recorder used. Our following instructions are based on the use of a "sound-on-sound" machine. Therefore, it is recommended that you select a tape recorder with the ability to record one channel while listening to the other.



SETTING UP THE EQUIPMENT

1. Place the Program Director on a work surface that contains enough room for the Program Director, the tape recorder and the marked presentation script. Set up the devices to be used in the presentation . . . e.g., slide projectors and/or motion picture projector with appropriate screens.

2. Plug the Program Director into a 110 volt AC power source. Connect the tape recorder to the Program Director. A connection is made from the output receptacle on the front of the Program Director to the input of the tape recorder. Some tape recorders have both microphone and auxiliary inputs. If this is true of the tape recorder you are using, connect to the auxiliary input. Through this connection will be recorded the pulses that will activate the slide projectors, dissolve controls and/or

the motion picture projector. Another connection is made from the input receptacle on the front of the Program Director to the speaker output of the tape recorder. (Refer to illustration for identification of receptacles.) These connections can be made with a standard RCA type phono plug.

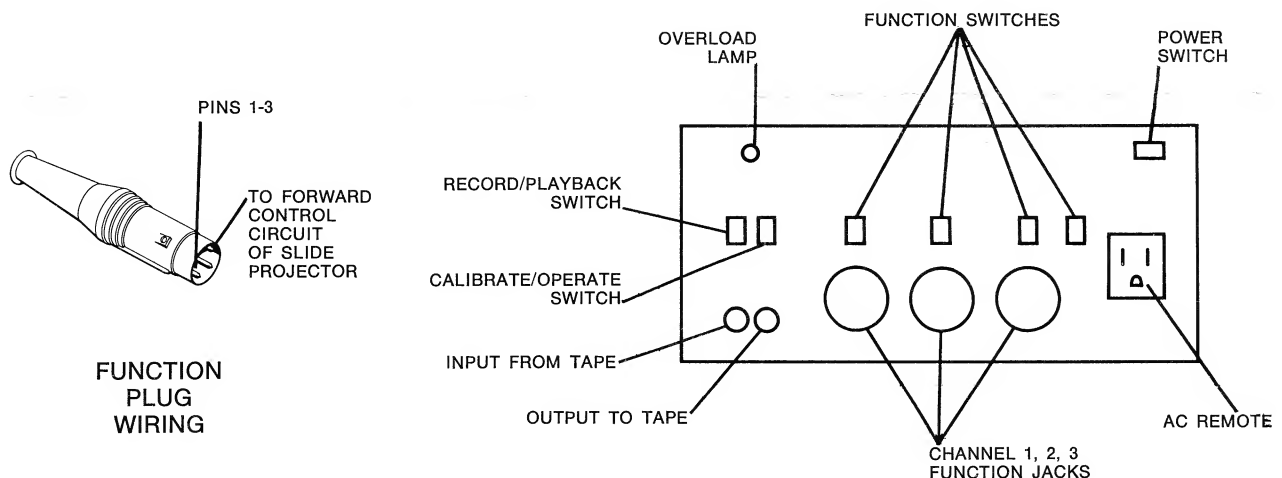
3. Place on the tape recorder a tape of the audio portion of the show previously recorded on one track. Allow enough blank tape ahead of the audio portion to record at least thirty seconds of calibration tones as described in the following instruction. (NOTE: It might be desirable to insert a small length of white leader between the calibration tones and the audio portion of the presentation which will follow.)

4. The RECORD-PLAYBACK SWITCH on the Program Director is set in the RECORD position. The unrecorded track of the tape recorder is placed in the RECORD position.

5. The CALIBRATE-OPERATE SWITCH on the Program Director is set in the CALIBRATE position. When this is done, the four tones which activate the four function channels will be recorded when the tape is started. At this point, the first three FUNCTION SWITCHES will light.

6. Record approximately thirty seconds in the CALIBRATE position and adjust the recording level on the tape recorder until the meter on the recorder is at approximately center scale. This segment of the tape will be used later to calibrate the Program Director in the playback of the finished presentation tape to achieve proper levels for operation of the equipment.

7. Switch the CALIBRATE-OPERATE SWITCH to the OPERATE position. At this time, the light on the first three FUNCTION SWITCHES will go out and the light on the fourth FUNCTION SWITCH controlling the AC outlet will come on. Stop the tape recorder. The



levels are now set. *Do not readjust the recording level during the show.*

8. Turn off the Channel 4 FUNCTION SWITCH by activating it.

9. Connect, as the case may be, the slide projectors or dissolve controls to the FUNCTION JACKS 1, 2, and 3 located immediately below the three FUNCTION SWITCHES. Plugs for connecting the slide projectors are supplied with your Program Director. Refer to illustration for identification of proper terminals to connect to your slide projector. Twenty-five-foot accessory cables for Kodak Carousel Projectors pre-molded with the Program Director plug on one end are available from the manufacturer.

10. Connect the motion picture projector to Channel 4 . . . the AC plug marked AC REMOTE.

11. Turn all of the projection equipment to the ON position. Set the slide trays to the No. 1 slide position. Set the motion picture equipment at the starting position. (NOTE: For cueing purposes, power to the motion picture projector may be applied by activating the No. 4 FUNCTION SWITCH until it lights.)

12. To ready the motion picture after the film has been cued, turn the projector lamp motor switch to OFF. Turn the Channel 4 FUNCTION SWITCH to OFF position. Turn the motion picture projector to the FORWARD LAMP position.

If a sound projector is used, make sure the amplifier is turned to the ON position. If instant sound is required, the motion picture projector used should contain a transistorized sound system. However, older, tube-type equipment may be used by modification, separating amplifier power and lamp/motor power. If such modification is employed, constant power is maintained to the motion picture projector amplifier by means of a separate AC power cord while only the lamp/motor circuits are plugged into and controlled by the Program Director. This modification can be made by most any photo repair outlet.

13. Advance the tape recorder to the start of the program audio previously recorded. You are now ready to program.

PROGRAMMING THE PRESENTATION

1. Make sure that all pieces of equipment are properly connected, slide trays set to the No. 1 position and the motion picture projector in the FORWARD LAMP position.
2. Make sure that all equipment is in the ON position and properly positioned and focused on the screens.
3. The script should be marked for slide projector advances and motion picture projector starts and stops.
4. Set the tape recorder to playback the previously recorded audio of the show. Set the second track of the

stereo tape recorder to record the pulses from the Program Director.

5. As the audio portion plays, refer to the marked script for slide advances and motion picture projector starts and stops. These functions are recorded on the second track of the stereo tape by activating the proper FUNCTION SWITCH. To activate the slide projectors, hold the FUNCTION SWITCH down until the projectors advance and then release.

(NOTE: To start the motion picture projector, activate the No. 4 FUNCTION SWITCH by pressing to the full downward position and releasing. The motion picture projector will not start until the switch is released.)

TO PLAY BACK THE PRESENTATION

1. Rewind the tape to the beginning of the previously recorded calibration tones.
2. During the set-up of the Program Director for playback, turn off all projection equipment.
3. Set the tape recorder to playback both channels of the tape.
4. Check to make sure the PLAYBACK-RECORD SWITCH on the Program Director is set to PLAYBACK.
5. The CALIBRATE-OPERATE SWITCH will remain in the OPERATE position.
6. Start the tape recorder to playback the previously recorded thirty seconds of calibration tones which are in advance of the audio portion of the presentation.
7. During the playback of the calibration tones, advance the playback volume of the tape recorder until the red OVERLOAD LAMP on the front of the Program Director lights. Decrease the playback volume until the point at which the OVERLOAD LAMP goes out. You will note that during this procedure FUNCTION SWITCHES 1, 2, and 3 will light.
8. The Program Director is now adjusted for proper playback levels. Stop the tape. Turn off Channel 4 FUNCTION SWITCH by activating it. *Do not readjust playback levels during playback of the show.*

(NOTE: During playback of the show, the red OVERLOAD LAMP may light due to momentary surges in signal level. Even though these surges do appear as an overload, do not readjust playback level.)

9. Turn on all projection equipment and reset all slide trays and motion picture projector to the starting position of the presentation.
10. Advance tape to the start of the audio portion of the presentation.
11. When the tape recorder is started, the fully automatic presentation will occur.

CONCLUSION

Your Program Director makes possible many new techniques in automatic programming in addition to simple slide advances and the starting and stopping of the motion picture projector. As you use the Program Director, you will discover the possibilities of superimposing slides over motion pictures, "quick-cut" techniques, and inter-mixing standard slide projection with dissolve equipment. The AC REMOTE PLUG may be used for special lighting effects instead of operating a motion picture projector as long as the power required does not exceed 1200 watts. All of the above techniques plus many more are possible on a completely pre-recorded and automatic basis.

Your Program Director is protected by a full, one-year parts and service warranty. Be sure to return the warranty card within ten days of purchase. If at any time a problem develops in the Program Director, return it, carefully packaged, to:

RSVP, Inc.
1815 North Meridian Street
Indianapolis, Indiana 46202

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Recorded Sales U.S.A. 46202
Visual Phone 923-5447
Presentations Inc. Area Code 317



MULTI-MEDIA PROGRAMMER

RSVP/Inc. announces a new four channel audio visual programmer that will control three slide projectors or dissolve controls and an 8 or 16 mm motion picture projector. Used with a reel to reel or cassette stereo tape recorder, the model PD-4 Program Director allows programming in sync with the presentation sound track. Encoding and decoding is accomplished by the same solid state circuitry, eliminating chance for programmer error or false signals. Its operation is immune to shock, vibration, outside interference, power variations, temperature extremes and harmonics. The PD-4 measures 6-1/2" x 9-1/2" x 4" and weighs less than 6 lbs. It will operate on 110 to 125 VAC foreign at 50 or 60 cycles. Priced at \$595.00 from RSVP/Inc., 1815 North Meridian Street, Indianapolis, Indiana 46202.